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**Authentication system for performing approval provision of local area network service only to normal user**

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**Novelty:** A remote connection apparatus (4) performs the connection of a user's personal computer (2) to a network service (5) only when an authentication apparatus (3) informs the remote connection apparatus that a password and a remote connection identification are correct. The connection demand is received by the authentication apparatus from a user through a personal handyphone system terminal (1).

**Detailed Description:** An INDEPENDENT CLAIM is also included for an authentication apparatus.

**Use:** for performing approval provision of local area network service only to normal user.

**Advantage:** Improves security. Performs high speed and highly reliable data forwarding, thus increasing transmission efficiency. Enables using the infrastructure of a personal handyphone system public circuit. Performs service using high speed communication function. Reduces the cost of the entire system.

**Description of Drawing(s):** The figure shows the block diagram of the authentication system.

Personal handyphone system terminal 1

Personal computer 2

Authentication apparatus 3

Remote connection apparatus 4

Network service 5

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